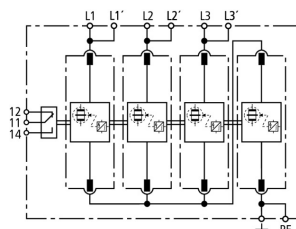


## DV M SN1823 (951 316)

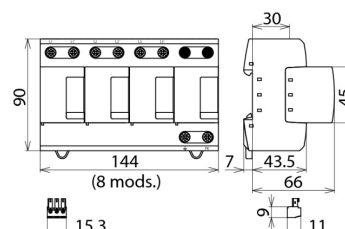
- Prewired spark-gap-based type 1 and type 2 combined lightning current and surge arrester consisting of a base part and plug-in protection modules
- Special type of circuit for Norwegian IT systems, according to NEK 400
- Maximum system availability due to RADAX Flow follow current limitation
- No tripping of 32 A gL/gG fuses up to short-circuit currents of 25 kA<sub>rms</sub>
- Lightning current discharge capacity: 50 kA (10/350 μs)
- Capable of protecting terminal equipment
- Operating state / fault indication by green / red indicator flag in the inspection window
- Easy replacement of protection modules without the use of tools due to module locking system with release button



Figure without obligation



Basic circuit diagram DV M SN1823



Dimension drawing DV M SN1823

Modular combined arrester for IT systems with a nominal voltage of 230 V / 50 Hz (3+1 configuration).

Type	DV M SN1823
Part No.	951 316
Energy coordination with terminal equipment (≤ 5 m)	type 1 + type 2 + type 3
Nominal voltage (a.c.) (U <sub>N</sub> )	230 V
Lightning impulse current (10/350) [L1+L2+L3+PE] (I <sub>total</sub> )	50 kA
Specific energy [L1+L2+L3+PE] (W/R)	625.00 kJ/ohms
Lightning impulse current (10/350 μs) [L-PE] (I <sub>imp</sub> )	16.7 kA
Nominal discharge current (8/20 μs) (I <sub>n</sub> )	16.7 / 50 kA
Follow current extinguishing capability (a.c.) (I <sub>n</sub> )	25 kA <sub>rms</sub>
Follow current limitation / Selectivity	no tripping of a 32 A gG fuse up to 25 kArms (prosp.)
Response time (t <sub>A</sub> )	≤ 100 ns
Max. back-up fuse (L) up to I <sub>k</sub> = 25 kA <sub>rms</sub>	315 A gG
Max. back-up fuse (L) up to I <sub>k</sub> > 25 kA <sub>rms</sub>	200 A gG
Max. backup fuse (L-L')	125 A gG
Operating state / fault indication	green / red
Number of ports	1
Cross-sectional area (L1, L1', L2, L2', L3, L3', PE, ⚡) (min.)	10 mm <sup>2</sup> solid / flexible
Cross-sectional area (L1, L2, L3, PE)	50 mm <sup>2</sup> stranded / 35 mm <sup>2</sup> flexible
Cross-sectional area (L1', L2', L3', ⚡) (max.)	35 mm <sup>2</sup> stranded / 25 mm <sup>2</sup> flexible
For mounting on	35 mm DIN rails acc. to EN 60715
Enclosure material	thermoplastic, red, UL 94 V-0
Degree of protection	IP 20
Capacity	8 module(s), DIN 43880
Type of remote signalling contact	changeover contact
Switching capacity (a.c.)	250 V / 0.5 A
Switching capacity (d.c.)	250 V / 0.1 A, 125 V / 0.2 A, 75 V / 0.5 A
Cross-sectional area for remote signalling terminals	max. 1.5 mm <sup>2</sup> solid / flexible
Voltage protection level [L-PE] (U <sub>p</sub> )	≤ 2.5 kV
Weight	1,27 kg
Customs tariff number	85363030
GTIN	4013364153431
PU	1 pc(s)

We reserve the right to introduce changes in performance, configuration and technology, dimensions, weights and materials in the course of technical progress. The figures are shown without obligation.